

CT26.CL25 | 305353

CT26.CL25

Description

CT26.CL25 is a cell line derived from CT26, a murine melanoma cell line. It is characterized by the presence of a beta-galactosidase (beta-gal) reporter gene. CT26.CL25 cells are used for various applications, including cell biology, immunology, and cancer research. CT26.CL25 cells are highly proliferative and maintain the same growth characteristics as the parent CT26 cells.

Organism Mouse

Tissue Melanoma

Disease Melanoma

Synonyms CT26-CL25

Characteristics

Breed/Subspecies BALB/c

Age 4-6 weeks

Gender Male

Morphology Adherent

Growth properties High

Identification

Citation CT26.CL25 (ATCC CRL-2600) | Cytion 305353

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_7255

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GMO Status GMO-S1: (CT26.CL25) lacZ -Tn5-neo, R

Antigen expression H-2d

Tumorigenic BALB/c

Products (H-2D)

Mutational profile Cdkn2a, Kras, p.Gly12Asp (c.35G>A)

Culture Medium RPMI 1640, w: 2.0 mM, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS, 1% NEAA, 0.4 G418, 2.5 HEPES

Dissociation Reagent

Subculturing PBS T25, 3-5 PBS, 3

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
4. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
5. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
6. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
7. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
8. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Freeze the cells in a freezing medium at -80°C.

Shipping Conditions Ship the cells at -80°C.

Storage Conditions Store the cells at -150°C for up to 196 days.

CT26.CL25 / CT26.CL25 / HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.